

On Nonmolecular Light Scattering in High Layers of
the Atmosphere, by V. M. Morozov, 4pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 5,
1957, pp 1039-1042.

Consultants Bureau

Sci - Geophysics

Jul 58

66,739

On Photoelectrical Measurements of Luminescence
of a Nocturnal Sky, by A. D. Bolyunova,
V. M. Morozov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 2,
1959, pp 321-325.

Amer Geophys Union

Sci

May 60

118,169

Progress in the Treatment of Mental Disorders, by
V. M. Morozov,

RUSSIAN, per, Zhur Nevropatol Psikhiat, Vol
LVI, No 7, Moscow, 1956, pp 591-599. CIA 9034550
CIA 9035900

NIH 158

Sci - Med

Sep 58

73,509

The Spectral Composition of Night Sky Radiation
in the Continuum and Photoelectric Observations
of Variations of the Intensity of the [ol] 5577 and
NaD Emission, by V. M. Morozov, 6 pp. .

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 4,
1964, pp 604-614.

Amer Geophys Union

Sci
Aug 64

264,845

TT-65-61904

Field 3B

Morozov, V. M.
THE SPECTRAL COMPOSITION OF THE NIGHT SKY GLOW
EMISSION IN A CONTINUOUS SPECTRUM AND PHOTO-
ELECTRIC OBSERVATIONS OF INTENSITY VARIATIONS
OF (01) 5577 AND NaD EMISSIONS (O Spektral Nom
Sostave Izlucheniya Nochnogo Neba v Nepreryvnom Spektre
i Fotoelektricheskikh Nablyudeniya Variatsii Intensivnos-
tei Emissii (01) 5577 Nadi). 12 Jun 64, 17p.
NASA-TT-F-6908; N65-15156; ST-AA-10154,
Order from GPO, SLA, or ETC: HC\$1.00, MF\$0.50
as N65-15156

Trans. of Akademiya Nauk SSSR, Izvestiya. Seriya
Geofizicheskaya, n4 p604-14 1964.
Contract NAS-5-2078.

1. National Aeronautics and
Space Administration,
Greenbelt, Md. Goddard
Space Flight Center.

NASA TT F-8908

V
Stabilization of the Energy of Ions Accelerated
by a High-Voltage Electrostatic Generator,
by V. G. Brovshenko, B. M. Gokhberg, V. M.
Morozov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol CI, No 6, 1955, pp 1023-1025.

Sci Mus Lib 55/3404.

A.E.R.E. 582

Sci - Electricity, Engineering

31,756

(YND 27166)

Stabilization of the Field of a Magnetic Analyzer of
a Beam of Accelerated Ions, by I V. I. Mikhailov, V. M.
Morozov, 8 pp.

EX HUNGARIAN, no per, Zhur Tek Fiz, Vol XIV, No 9, Moscow,
Leningrad, 2 Sep 1955, pp 1639-1642.

CIA/YND U-8511

38,204

USSR

Sci - Physics

Theories Concerning Stress and Psychiatry, by
V. M. Morozov, 10 pp.

RUSSIAN, no per, Zhur Nevrapatol i Psikhol imeni
S. S. Korsakova, Vol LVII, No 5, Moscow, May 1957,
pp 657-661.

US JPRS/DC-L-388

Sci - Med
Jun 58

64,640

The Total Cross Sectionf ~~SS~~ for the Interaction of
Neutrons With Li^6 and Li^7 from 10 to 450 kev, by
G. V. Gorlov, B. M. Gokhberg, V. M. ~~Morozov~~, G. A.
Otroshechenko, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,
No 6, 1956, pp 963-

Amer Inst of Phys
Sov Phys "Doklady"
Vol I, No 5

Sci - Phys
Aug 57

57, 362

The Upper Limit of the Radiation Capture Cross
Section of 275 Kev Resonance Neutrons by Li^7 , by
E. A. Koltypin, V. M. Morozov, 3 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI,
No 2, Nov-Dec 1956, pp 331-

Amer Inst of Phys
Sov Phys "Doklady
Vol I, No 6

Sci - Physics
Oct 57

53,425

The Problem of the Conformal Projection of an
Ellipsoid on a Sphere, by V. P. Morozov, 7 pp.

RUSSIAN, per, Iz, Vysishikh Ucheb Zaved, Geodeziya
i Aerofotos'yanka, No 4, 1962, pp 3-18.

AGU

Sci

Jun 63

342,647

The welding of molybdenum in which the weld metal is
alloyed with rhenium

By V. V. D'yachenko and V. P. Morozov pp 6

RUSSIAN, per. Svaroch Proiz. No 7, 1962, pp 1-4

BWRA

Sci

Jul 63

340, 714

Thermodynamic Functions of Nitrogen Dioxide, by
V. P. Morozov, 2 pp.

RUSSIAN, per, Ukrain Khim Zhur, Vol XXI, No 5, 1955,
pp 554, 555.

ATS-RJ652

Sci

Aug 59

Force Constants and Interaction Coefficients of
Pyramidal Hydrides, by G. I. Rybakova, D. S.
Koval'chuk, V. P. Morozov, 3 pp

RUSSIAN, per, Optika i Spektro, Vol IX, No 1,
1960, pp 34-39

OSA

Sci
May 61

150,796

Partial Frequencies (Modes) of Triatomic
Hydrides and Deuterides of C_{2v} Symmetry, by
V. P. Morozov, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol VII, No 3,
1959, pp 289-293.

OSA

Sci

Apr 61

149,483

Rule of Order for Nonlinear XY_2 Molecules, by
V. F. Morozov, 9 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXVII, No 2,
1953, pp 233-236.

Sci Tr Center
RT-4054

39,864

Sci - Chemistry
Oct 1956 CTS/dex

The Dose of Cosmic Radiation in the Biological Units
of the Vostok 3 and Vostok 4 Spacecraft, by
V. N. Lebedev, V. S. Morozov, et al.
RUSSIAN, per, Kosmicheskiye Issledovaniya, Vol I,
No 2, 1963, pp 309-311.
NASA TT F-8824

Sci - E S & Ast
May 64

U.S. GOVERNMENT ONLY

259,409

54
Experimenta 1 Investigation of the Motion of a
Gyroscope With Three Degrees of Freedom Taking
Into Account Its Nutation, by Ye. P. Morozov,
A. V. Sazonov.

RUSSIAN, per, Trudy Leningrad Institut Aviats
Probhorostroyeniya, No 40, 1963.

FTD-MT-65-29

Sci-Electr
Jul 65

A Method of Investigating Secondary Electron
Emission of Non-Metallic Substances, by A. R.
Shul'man, I. R. Zakirova, Yu. A. MOROZOV, S. A.
Fridrikhov, 17 pp.

RUSSIAN, per, Radiotekh i Electron, Vol III, No 3,
1958, pp 329-358.

Pergamon Press

Sci - Electronics
Sep 59

95, 930

Secondary Electron Emission of Nickel, by A. R.
Shul'man, I. R. Zakirova, Yu. A. Morozov, S. A.
Fridrikhov, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXVIII, No 1,
1958, pp 87-96.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 1

Sci - Phys

Sep 58

74, 013

Instability of a Beam of Charged Particles in an
Electron Plasma, by V. S. Imshennik, Yu. I. Morozov,
8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XXXI, No 6, 1961,
pp. 640-649.

AIP
Sov Phys-Tekh Phys
Vol VI, No 6

Sci

192, 580

Mar 62

THE PROPERTIES AND USE OF METALOCERAMIC PRODUCTS
IN MACHINE BUILDING, BY YU. F. MOROZOV, V. A.
DYMCHENKO, 19 PP.

RUSSIAN, PER, MASHINOSTROYENIYE, NO 1, JAN/FEB 1962,
PP 3-8.

JPRS 15370

SCI - ENGR

OCT 62

212,154

(DC-3901)

An Auxiliary Standard Subroutine for Debugging
A Program (SP-1), by L. Kh. Vyazalov,
Yu. K I. Morozov, 21 pp.

RUSSIAN, bk, Voprosy Kibernetiki, No 6, 1961,
pp 59-67.

JPRS 13514

Sci - Misc
Machine Translation
Apr 62

193, 942

The Average β -Particle Energy and Decay Constant of
Tritium by M. M. Popov, Yu. V. Gagarinskiy, M. D.
Semin, I. P. Mikhailenko, Yu. M. Morozov, 3 pp

RUSSIAN, per, Atom Energ, Vol IV, No 3, 1978, pp 296-
297

Consultant Bureau

Sci - Nuclear Phys

Feb 59

80,903

Comparative Characteristics of Cyclic-Action Testing
Machines With Hydraulic Excitation, by Yu. N. Morozov,
Yu. N. Tyublikov, 11 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 11, 1961,
pp 1401-1411.

ISA

Sci

205,033

Performances of Hydraulic Testing Machines for Dynamic
Loads, by Yu. N. Morozov, Yu. E. Tyablikov, 10 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 12, 1960,
pp 1411-1419.

ISA

Sci
Aug 61

165, 620

The Structure of a Shock Wave Considering
Impulse and Energy Transfer by Radiation,
by V. S. Ischemik, Yu. I. Morozov, 26 pp.
RUSSIAN, for, Zhur Prikl Mekh i Tekh Fiz,
no 2, 1964.
Dept of Navy Tr 4451/ONI Tr 2003

Sci-S.Sci
Feb 66

296,217

Yu. I. MOROZOV

On Securing Laboratory Machines for
Mechanical Testing, by Yu. N. Morozov,
5 pp.

RUSSIAN, per, Zavod Lab, Vol XXIV, No 1,
1958, pp 3-8.

Instru Soc of Amer

Sci

Apr 60

113, 234

Comparative Characteristics of Cyclic Testing
Machines with Hydraulic Drive, by Yu. N. Morozov,
Yu. E. Tyablikov, 7 pp

RUSSIAN, per, Zavod Lab, Vol XXVI, No 7, 1960,
pp 871-876

ISA

Sci
May 61

152,396

A Test of the Experimental Basis of Ψ A. Szent-
Gyorgyi's Bioenergetic Concept, by L. A. Tumerman,
Yu. V. Morozov, et al, 6 pp.

RUSSIAN, per, Biofizika, Vol VI, No 5, 1961.

CB

Sci
Sep 62

210,469

Solubility of Calcium Sulfate in Mixes of Salts,
Generally Occurring in Natural Waters, by A. I.
Morozova, G. N. Pirova, 16 p.

RUSSIAN, per, Trudy Politekhnikheskiy Inst,
Novocherkassk Nauchnyye, 1956, Vol XXVII, No 41,
pp 151-165.

SLA 59-17637

Sci
Feb 60
Vol 2, No 10

108,823

(FDD 27468)

The Effect of Various States of the Central Nervous System on the Production of Antibodies in Response to a Lipoid Antigen, by M. I. Ravich-Shesterbo, A. K. Morozova, 2 pp.

RUSSIAN, mo per, Zhur Mikrobiol, Epidemiol i Immunobiol, Vol XXVII, No 1, Moscow, Jan 1956, pp 49-54

CIA/FDD U-8219

35,524

USSR

Sci - Medicine, neurophysiology

May 56

The Effect of Chemical Composition on the Temperature Magnetic Ageing of Iron-Cobalt-Nickel Aluminium Alloys, by A. M. Morozova, F. I. Feigina, 8 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol VII, No 1, 1959, pp 40-47.

PP

Sci
Aug 60

124,511

Effect of Annealing Regime on the Thermomagnetic
Ageing of Permanent Magnets From the Alloy
Magnico, by A. M. Morozova, P. I. Feigins, 5 pp.

RUSSIAN, per, Fiz Metal i Metall, Vol V, No 3,
1977, pp 428-433.

Pergamon Press

Sci

Dec 59

102,161

Improve the Propagation of Technical Literature,
by E. Morozova, 8 pp.

RUSSIAN, per, Bibliotekar', No 10, 1960, pp 5-7.

NLL Tr Bul
Vol 3, No 4, 1961

USSR

174.975

Soc

Dec 61

Cyclization of Peptides in the Presence of Ethoxyac-
etylene, by, E. A. Morozova, S. M. Zhenodarova,
3pp.

RUSSIAN, per Zhur Obshch Khim;
Vol XXXI, No.1, 1961, pp. ~~42-44~~
45-47

GB

Sci

Mar 62

192,275

The Synthesis of Cyanomethyl Esters of Peptides
and Their Use in Obtaining Peptides, by E. A.
Morozova, S. M. Zhenodarova, 6 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,
No 6, 1958, pp 1661-1667.

Consultants Bureau

Sci - Chem
Sep 59

95, 795

Preparation of the Cyclic Hexapeptide Cycloglycylleu-
cylglycylglycylleucylglycine, by E. A. Morozova,
S. M. Zhenodarova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 1,
1959, pp 93-96.

Consultants Bureau

Sci

119,517

Jun 60

The Formation of 5-Benzylhydantoin-3-acetylvaline
From the Methyl Ester of N-Carbobenzoxupheny-
lalanine, by E. A. Morozova, S. M.
Zhenodaro, 3 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,
No 6, 1958, pp 1658-1660.

Consultants Bureau

Sci - Chem
Sep 59

95, 794

Effect of Iron on the Properties of the
Bronze Layer of Bimetallic Compounds, by
E. M. Morozova, et al. UNCL

RUSSIAE, per, Stanki i Instrument, No 1, 1958,
pp 21-23.

DSIR LLU M.815

(loan)

USBR

Econ - Ceramic industries

Apr 60

112, 717

Sulfidising (of Steel and Cast Iron) in Fused
Salts, by E. M. Morosova, F. R. Florensova

RUSSIAN, no per, Stanek 1 Instrument, Vol XXVII,
1954, No 5, 1956, pp 27-30.

Brutcher No 3839

\$4.85

Sci - Min/Metals
Jan 57 CTS

42,902

Cholesterol-Esterase of Marrow, by E. N. Morozova,
4 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLI,
No 6, Jun 1956, pp 36-38.

Consultants Bureau

Sci - Medicine
Nov 57

55, 143

The Effect of Pentoxyl on the Bone Marrow Lipids of
Rabbits With Experimental Leucopenia, by E. N.
Morozova, 6 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LI,
No 2, 1961, pp 54-59.

CB

Sci

168, 241

Sep 61

Chemiospectrographic Determination of Impurities in
Lead, by A. G. Karabash, L. S. Bondarenko, G. G.
Morozova, 5 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XV, No 5, 1960,
pp 623-627.

CB

164,089

Sci
Aug 61

Changes in Properties of Ni-Cr Alloy El765 for
Stationary and Propulsion Turbines During Heating
For Up to 10,000 Hours, by V. Z. Tseitlin, G. G.
Morozova.

RUSSIAN, per, Metal i Obra Metallov, No 1, 1958,
pp 30-35.

HB 4121

Sci - Min/Met, Engr

156804

Jun 61

V
Heat of Dilution of Dioxan and Water, by N. N.
Feodosyev, O. A. Osipov, G. K. Morozova, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV,
No 9, Sep 1954, pp 1540-1542. CIA C 42159.

Consultants Bureau

Sci - Chemistry

35,160

Jun 1956/Dex

Morozova, G. K. and Blyumenfel'd, L. A.
THE EFFECT OF OXYGEN ON THE EPR OF
SPECTRA OF LYOPHILIZED TISSUE [O Vliyani
Kisloroda na Spektry Yepr Liofilizovannykh Tkanye]
tr. by Richard B. Mudge. Letter to the Editor. [1960]
12p. (foreign text included) 8 refs.
Order from LC or SLA ml\$2.40, pb\$3.30
UCRL Trans-561

Trans. of *Biofizika (USSR) 1960, v. 5, no. 2,
p. 235-238.

(Biological Sciences--General, TT, v. 5, no. 6)

61-13936

1. Tissues (Biology)--
Physical properties
2. Oxygen--Physical effects
 - I. Morozova, G. K.
 - II. Blyumenfel'd, L. A.
 - III. UCRL Trans-561
 - IV. Lawrence Radiation Lab.,
U. of California, Berkeley

Office of Technical Services

A Set of Curves for Interpretation of the Formation of a Magnetic Field, by L. L. Van'yan, G. M. Morozova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Earth Sciences Section, Vol CXLVII, No 6, Nov, Dec 1962, pp 1339-1360.

Amer Geol Inst

Sci
Nov 64

263,596

Vitamins in Animal Husbandry, by V. N. Dorozovskiy
and G. N. Morozova, 22 pp
RUSSIAN, per, Zhurnal Vsesoyuznogo Khimicheskogo
Otdeleniya, Vol VIII, No 6, 1965, pp 630-631.
JPRS 2053

G. N. MOROZOVA

12806
Sci-B/M
Apr 65

277,613

Action potentials of respiratory musculature
in patients having respiratory deficiency,
by I.A. Morozova, L.L. Shik, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol
43, No 5, 1957, pp. 61-64.

Consultants Bureau

Sci - Med

Jun 58

65,094

On the Reflex Mechanism of Disturbances in Respiratory
Motions With Lesions of the Upper Respiratory Tract
(in the Phenomenon of "Simulated Asphyxia"), by T. I.
Goryunova, I. A. Morozova, 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLIV,
No 9, 1957, pp 36-39.

Consultants Bureau

Sci ~ Medicine
Jul 58

66, 245

Finding the Electron Work Function of
Solids With a Vibrating ~~XXXXX~~ Condenser,
by I. D. Morozova, V. V. Popovskiy, 6 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol III,
No 3, 1962, pp 439-444.

CB

Sci
Apr 63

232,972

The Method of Molecular Orbitals and Spin Density
in Paramagnetic Resonance by I. D. Morozova,
P --

RUSSIAN, per, Usepkh khim, No 10, 1962 pp. 1231-1256

CS

Sci

Jun 63

342,634

The Kinetics of Argon Liberation From Microcline-
Perthite, by E. K. Gerling, I. M. Morozova, 7 pp.

RUSSIAN, per, Geokhim, No 7, 1958, pp 615-621.

Geochem Soc

Sci

Mar 60

III, 293

The Influence of Indoleacetic Acid Treatment of
the Root System upon the Growth and Metabolism
of Tomato Seedlings, by R. A. Andreyeva and I. B.
Morozova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, NO 2,
1959, pp 417-419.

Amer Inst of Biol Sci

Sci

102,035

Dec 59

Determination of Activation Energy of Liberation
of Argon From N Micas, by E. K. Gerling, I. M.
Morozova, 6 pp.

RUSSIAN, per, Geokhimiya, Vol IV, 1957,
pp 304-311.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,847

Retention of Radiogenic Argon in Powdered Potassium-
Bearing Minerals, by E. K. Garling, I. M. Morozova, 12pp

RUSSIAN, per, Geokhim, No 1, 1961.

Geokhim Soc

Sci

Nov 62

216,534

On the Systematics and Phylogeny of Funestelloidea,
by I.P. Morozova
RUSSIAN, per, Faunist Flora, 1962, no. 4, pp. 104-115.
AGI

I. P. Morozova

E. Sci
Aug 66

308,341

Carboniferous Bryozoans From the Middle Don,
By I. P. Morozova.

RUSSIAN, per, Trudy Paleontologicheskogo
Instituta, Vol LVIII, 1955, pp 64-67, 69-71,
74-84.

Dept of Interior
QE3 E57 No 89

207.3/2

Sci - Geophys
Aug 62

Occurrence of a New Genus of Bryozoans, in the
Upper Carboniferous of the Don River, by
I. P. Morozova, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR: Paleontologiya,
Vol C, No 3, 1955, pp 567-569.

Dept of Interior
QK3 R57 No 104

Sci - Geophys
Feb 63

222,476

Occurrence of a New Genus of Bryozoans in the Upper
Carboniferous of the Don River, by I. P. Morozova.

RUSSIAN, per, Dok Ak Nauk SSSR: Paleontologiya,
No 3, 1955, pp 567-569.

Dept of Interior
QE3 E57 No 104

USSR
Geog
Jan 63

219, 214

Devonian Bryozoa From the Minusinsk and
Kuznetsk Basins, by I. P. Morozova.

bk,

RUSSIAN, ~~ISS~~, Trudy Paleontologicheskogo Instituta
Ak Nauk SSSR, 1960, Vol LXXVI.

Dept of Interior
JES E57 No 52

Sci - Geophys

191,492

Apr 62

Investigation of the Adhesion Bond of Polymers
by the Luminescent Method, by N. A. Krotova,
L. P. Morozova, 12 pp,

RUSSIAN, bk, Issledovaniya v Oblasti Poverkhnostnykh
Sil, Sbornik Dokladov na Konferentsii po
Poverkhnostnyam Silam, April 1960, Izdatel'stvo Ak
Nauk SSSR, Moscow, 1961. 9667413

FTD-TT-62-429

Sci - Phys
Jan 63

219,511

Investigation of the Adhesion Bonding of Solids,
by N. A. Krotova, L. P. Mursova, 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 7,
1961, pp 1999-2009.

AIP
Sov Phys- Solid State
Vol III, No 7

Sci

201,687

Jun 62

Investigation of Various Types of
Mineral Acids, by N. A. Krotova,
L. P. Morozova, 15 pp.
Rezhim, ser. Kolloidnyy Zhur, vol XVI,
No 2, 1964, pp 207-216.
FTC-77-63-327

100

L. P. MOROZOVA

Sci - Elec
Aug 65

207,643

Interaction of Polymers with the Surface of Modified
Glass, by N. A. Krotova, L. P. Morozova, 5 pp.

RUSSIAN, per, Kolloidnyi Zhur. Vol XXIV, No 4.
1962, pp 473-479.

CB

Sci

Apr 63

233,734

Reactions Giving Alkyl (or Aryl) Chlorosilanes in the
Direct Interaction of Alkyl (or Aryl) Chlorides with
Silicon. Communication 1. Selectivity of Silicon-
Copper Catalysts, and Reactions Giving
Dichloromethylsilane, by L. P. Morozova
S. A. Golubtsov 6 pp.

RUSSIAN, per, Iz Ak Naul, Otdel Khim Nauk. No 6
1962. pp 1005-1010.

CB

Sci

233,719

May 63

Investigation of the Movement of Liquids
in Porous Media by Ordinary and High-Speed
Motion-Pictures Photography, by N. A. Krotova,
L. P. Morozova, 5 pp.

RUSSIAN, per, Kolloidnyi Zhur, Vol XXV, No 2,
Mazr, Apr 1963, pp 178-183.

CB

Sc1
Aug 64

264,589

Morozova, L. P. and Krotova, N. A.
STUDY OF THE NATURE OF THE ADHESION
BOND IN THE BONDING OF TWO HIGH-MOLECULAR
COMPOUNDS. 4 Jan 60 [29]p. 14 refs.
Order from OTS or SLA \$2.60

61-16704

Trans. of #Kolloid[nyl] Zhurnal (USSR) 1958, v. 20,
no. 1, p. 59-66.
Another trans. is available from CB \$7.50.

DESCRIPTORS: *Polymers, *Bonding, *Adhesion,
Rupture, Adhesives, Metals, Glass, Secondary
emission, Electrical properties.

An experimental study was made of the formation of the
adhesion bond when two high-molecular materials are
bonded and the relative role of the electric and dif-
fusion processes in the adhesion phenomena. In the
case of adhesion of a polymer to metal or of a polymer
(Chemistry--Physical, TT, v. 7, no. 2) (over)

61-16704

I. Morozova, L. P.
II. Krotova, N. A.

185352

Office of Technical Services

The Adhesion Between Polymers and Modified Gla
Surfaces in Relation to the Charge-Reversal
Phenomena Observed on Separation, by H. A.
Krotova, L. P. Morozova, B. V. Deryagin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No
1959, pp 149-152.

QB

Sci

Oct 60

130,081

Morozova, L. P.

ADHESION OF HIGH POLYMERS IN RELATION TO
STRIPPING AND TO ELECTRICAL CHARACTERISTICS
8 Dec 60 [26]p. 13 refs.
Order from OTS or SLA \$2.60

61-18261

61-18261

I. Morozova, L. P.

Trans. of Tsentral'nyi Nauchno-Issledovatel'skii
Institut Kozhevenno-Obuvnoi Promyshlennosti.
Nauchno-Issledovatel'skie Trudy (USSR) 1957, no. 28,
p. 119-131.

DESCRIPTORS: *Bonding, *Adhesives, Electrical
properties, Diffusion, Polymers, Nitrocellulose,
Polyvinyl chloride, Polyamide plastics, Acetal plastics,
Rubber, Polyethylene plastics, Butenes, Gelatin,
Leather, Metals, Glass.

4286700

An investigation was made of the formation of the ad-
hesive bond when two high-molecular weight materials
(Materials--Adhesives, TT, v. 9, no. 9) (over)

Office of Technical Services

The Mechanical Characteristics of the Adhesion
of Polymers, by N. A. Krotova, L. P.
Morozova, G. A. Sokolina, 4 p.

~~2~~
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLVII,
No 2, pp 302-305.

Amer Inst of Phys
Sov Phys-Doklady
Vol IV, No 4

Sci
Mar 60

110,039

Application of Infrared-Spectroscopy Methods
for the Study of Adhesive-Underlayer (Polymer-
Glass) Interaction, by N. A. Krotova,
L. F. Morozova, 9 pp.

RUSSIAN, bk, Issledovaniya v Oblasti
Poverkhnostnykh Sil, Sbornik Dokladov na
Konferentsii po Poverkhnostnym Silam, April
1960, Izdatel'stvo Ak Nauk SSSR, Moscow, 1961.
9667413

Sci - Phys
Jan 63

FTD-TT-62-429

The Relative Part Played by Electric and Et
Diffusion Processes in Phenomena Relating to
the Adhesion of the Polymers, by L. P. Morozova.

UNCLASSIFIED and N. A. Krotova, 6pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 4,
1957, pp 747-750.

DSIR To 478 B

Handwritten:
L. P. Morozova
Chap. 12.85. 71, 914

Sci - Chem; Phys
Sep 58

Heating Steel With High Frequency Heating, by
M. Morozova, F. R. Florensova.

RUSSIAN, per, Stanki i Instrument, No 6, 1958,
p 28-31.

DSIR LLU M.801
(loan)

ci - Min/Met

ct 60

128,739

Test Results of the 20% Solution of Colloidal Sulphur and
Dinitrothiocyanogenbenzene (DRBS) as a Fungicide for
Green Plants, by M. F. Zuhov, M. A. Morozova, et al, 6 pp.
RUSSIAN, per, Khim v Sel'skom Khoz. No 1, 1964,
pp 21-23.
JPRS 28023

Sci - Agri
Feb 65
The T

p 17
27,242

MOROZOVA M. E.
FLORENKOVA R. F.

Stanki I Instrument, vol. 20, 1949, No. 9, pp. 17-18.;
5 figures, 3 tables, 900 words.

Deep Case Liquid Carburizing.

Brutcher Trans, Order No. 2414, \$1.80

A-3605

S-5526

(NY-317A)-
14

Character of the Air Currents Over the Pamir and
West Tien Shan Mountains, by M. I. Morozova, M.
A. Petrosyants, O. E. Chernysheva, 15 pp.

RUSSIAN, per, Met i Cid, No 9, 1959, pp 3-12.

JPRS-L-1180-N

OTS-61-13312

Sci - Geophys, Meteorology

Feb 60

107659

Effect of the Type of Cation, Attached to
Cellulose in an Ion-Exchange Reaction, on
the Dielectric Properties of Capacitors
Paper, 4 pp. by V. T. Renne, M. N. Morozova

RUSSIAN, per, Zhur Tekh Fiz, Vol ~~XIV~~^{XV},
No 9, 1958, pp 1999-2003.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 9

Sci - Phys

May 59

87,435

The Action of Iodine Derivatives Upon a Sodium
Dialkylphosphite, by V. S. Abramov, M. N.
Morozova, 6 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII,
No 2, Feb 1952, pp 257-261.

Consultants Bureau
152 West 42nd Street
New York 18, N.Y.

Scientific - Chemistry May 53 CTS

1970

Morozova, M.P. and Getskina, L.
ENTHALPIE DE FORMATION DE WO₂ ET WO₂, 67
(Ental'piya Obrazovaniya WO₂ i WO₂, 67) (Enthalpy of
Formation of WO₂ and WO₂, 67). 14p. (foreign text
included) 18refs. CNRS-VIII bis 768.
Order from OTS, ETC or CNRS \$0.80 TT-62-28607

Trans. in French of Leningrad U. Vestnik (USSR) 1959
[v. 14] no. 22, Seriya Fiziki i Khimii no. 4, p. 128-131.

DESCRIPTORS: *Tungsten compounds, Oxides, *En-
thalpy, Production, Heat of formation, Mixtures.

(Chemistry--Physical, TT, v. 11, no. 7)

TT-62-28607

- I. Morozova, M.P.
- II. Getskina, L.
- III. CNRS-VIII bis 768
- IV. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Enthalpy of Formation of Compounds of
Manganese With the Elements of the Main
Sub-Group of the Vth Group of the Periodic
Table, by S. A. Shainkarev, M. P. Morozova,
4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII,
No 6, 1961, pp 1773-1776.

28

Sci

201,864

Jun 62

Enthalpy of Formation of Niobium Oxides, by M. P.
Morozova, L. I. Gertschina, 4 pp.

Khim,
RUSSIAN, per, Zhur Obshch, Vol. XXIX, No 4, 1959,
pp 1049-1051.

Consultants Bureau

Sci

Jun 60

117,869

The Enthalpy of Formation of Compounds of ^CLead-
mium with Phosphorus, Arsenic and Antimony, by S.
A. Shchukarev, M. P. Morozova, M. N.
Bortrukova, 3 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 12,
1958, pp 3289-3291

Consultants Bureau

Sci

Feb 60

108,995

The Strontium - Antimony System and the Reactions of
Formation of Compounds of Strontium and Antimony,
by S. A. Shchukarev, H. P. Morozova, Kan Kho-in,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7,
1957: pp 1737-1739.

Consultants Bureau

Sci - Chem

Oct 58

74, 118

The Enthalpies of Formation of Potassium Arsenide
and Potassium Bismuthide, by M. P. Morozova, L.
Getskina, and M. Golomolizina, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XVII, No 7,
1957, pp 1746, 1747.

Consultants Bureau

Sci - Chem

Oct 58

74, 12.1

Chemistry of Compounds With Variable Composition,
VI. The Titanium-Oxygen System, by S. M. Ariya,
M. P. Morozova, E. Vol'f, 25 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, 1957, pp
13-22.

AEC Tr 3187

Sci - Chem

May 58

62, 657

The Enthalpy of Formation of Arsine, by S. M. Ariya,
M. P. Kozlovskaya, KIMIAI TEND-TOO, 4 pp.

RUSSIAN, no pub. Zhur Obshch Khim, Vol XXVI, No 7,
Jul 1956, pp 1813-1815.

Consultants Bureau

Sol - Chemistry
Nov 57

54,995

The System Strontium-Bismuth, by S. A. Shchukarev,
M. P. Morozova, Kan Kho-Yu, G. V. Kokosh, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6,
Jun 1956, pp 1525-1530.

Consultants Bureau

Sci - Chemistry
Jul 57

49,696

Enthalpies of Formation of Compounds of Zinc with
Antimony, by S. A. Shchukarev, M. P.
Morozova, and Yu. P. Sapozhnikov, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 2, 1956, pp 304-306. CIA 9007072 C, Reel No
64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS

41,668

The Enthalpy of Formation of Lithium Stibide, by
S. A. Shchukarev, E. Volf, M. P. Murosova, 2 pp.

Full tr

RUSSIAN, no par, Zhur Obshch Khim, Vol. XXIV, No 11,
1954, pp 1925. CIA 542781-3, reel 3.

Consultants Bureau

Sci - Chemistry

Aug 56 CRB

37,723

Higher Barium Phosphides, by S. A. Shchukarev, M.P.
Morozova, E. A. Prokofyeva, 1 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 8,
1954, pp 1277-1278. CIA C 41477

Consultants Bureau

33,257

Scientific - Chemistry
Apr 56 CTS/dex